Handbuch
Manual

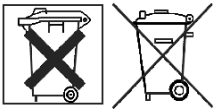
D GB F E I PL

YAKUMO®

Yakumo Mega-Image 84 D
Digitalkamera

Please read before using the digital camera

Battery information
CAUTION: Risk of explosion if battery is not replaced properly. Replace only with the same type or a type of equal quality recommended by the manufacturer. Dispose of used batteries in accordance with the manufacturer's specifications.
Only replace with the same type or a type of identical design recommended by the manufacturer.
Batteries should never be damaged, drilled or thrown into an open fire. The battery could burst or explode, releasing toxic chemicals.
Only use the specified charger for rechargeable batteries.



Batteries containing hazardous substances are marked with the above symbol. It indicates that they should not be disposed of as household waste. Battery regulations place a legal obligation on the consumer to return all used batteries. Please help to make a contribution to the protection of our environment by not disposing of batteries in the household waste. Chemical symbols on the battery mean that the battery contains the specified substance. The symbols have the following meanings: Cd - Cadmium, Hg - Mercury, Pb - Lead. You can also take used batteries to communal disposal sites (e.g. battery collection point or recycling site). These locations have a legal obligation to take the batteries free of charge.

Care and maintenance of the digital camera
Caring for your digital camera properly ensures fault-free operation and reduces the risk of damage to your digital camera.

General guidelines
Do not expose your digital camera to excessive humidity or extreme temperatures.
Do not expose your digital camera to direct sunlight or strong UV light for long periods.

Blow particles of dust or dirt off the lens or LCD monitor or use a lens brush for cleaning (available from specialist retailers). Do not clean the lens or the LCD monitor with chemically treated cleaning cloths designed for spectacles, as they can cause scratches on the surface. Moisten the LCD monitor by breathing on it. Then wipe the monitor with a soft lint and chemical free cleaning cloth. Products

for cleaning cameras, including air brushes, are available from specialist retailers.

Service
In case of technical problems with your Yakumo product, contact our Hotline on 0 18 05/ 92 58 66 (12 cent/minute) when calling from the Deutsche Telekom fixed network.

Guarantee
If you think that you need to make a claim on your Yakumo product under the guarantee, call the Hotline on 0 18 05/ 92 58 66 (12 cent/ minute) when calling from the Deutsche Telekom fixed network. Experienced staff will advise you and arrange how you should proceed. Please do not send any goods to the Yakumo Service Centre without obtaining an RMA number from the hotline first, as otherwise the goods will be returned unrepaired or refused.
Yakumo grants you a 2-year guarantee from the invoice date. In case of defects, the buyer only has a right to subsequent performance. This subsequent performance will include either repair or the delivery of a replacement product. Exchanged units or parts will be the property of Yakumo.
Evidence of the guarantee must be provided in the form of proper proof of purchase (sales receipt or invoice).
Damage caused by improper handling, operation storage or by force majeure or other external influences is not covered by the guarantee. The same applies to wearing parts, e.g. rechargeable batteries (6 months).

In case of technical queries, go to the Yakumo homepage at www.yakumo.com or send an e-mail to: info@yakumo.com.

Preface

The Yakumo Mega-Image 84 D is equipped with eight modes (Scene selection, Programmed, Aperture priority, Shutter speed priority, Manual exposure, Playback, Movie, Setup) for your exploration. In com-bination with all the above mode function, not only will this cam-era serve as a digital camera, but it can also be used in recording short movies and audio recording.

The Yakumo Mega-Image 84 D offers 4.00 mega pixels high-quality image along with precise 32 x zoom (8 x optical plus 4 x digital). The built-in 16 MB internal memory can store your images and videos. Its auto focus lens supports a macro mode from 20 cm to 50 cm. Normally, it can takes pictures ranging from 50 cm to infinite. Through the USB cable connection, pictures can be easily trans-ferred from the digital camera to the PC. It also provides an AV output function to perform the operation through TV. Continuous shoot-ing function is also available for users to take multiple frames of scenes in quick succession. Here are its main features:

- P.A.S.M. (Playback, Aperture, Scene, Manual exposure) mode
- MPEG 4 audio and video recording
- 8 x optical lens
- Electronic view finder
- Orientation sensor for still image rotate
- Popup flash
- 15 scene modes
- Histogram on display
- Cropping and frame editing function with 6 frames to choose from
- 3x3 image thumbnail display
- Built-in speakers

To make the best out of this digital camera, we strongly suggest that you read through this manual prior to operating this digital camera.

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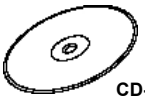
Prior to Operating the Yakumo Mega-Image 84 D

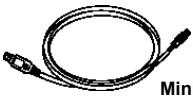
Setting up this Yakumo Mega-Image 84 D digital camera is quick and simple. Follow these steps, and you'll be on your way to infinite boundaries.

Unpacking the Yakumo Mega-Image 84 D

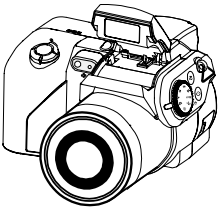
1. Clear all items from the box. (It is highly recommended that the box and wrappings are kept for future usage)
2. Double check for the following items:



CD-ROM



Mini USB Cable

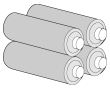


Yakumo Mega-Image 84 D

Video Cable

Shoulder Strap

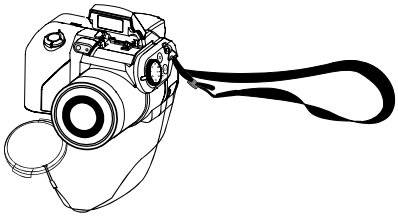
Lens cap



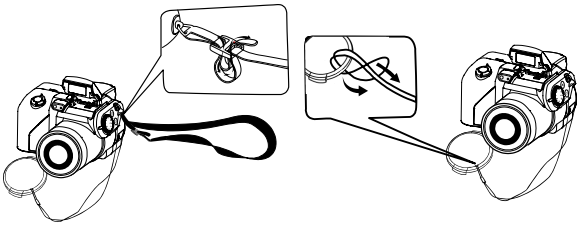
Batteries

User Manual

Attaching the lens and strap on the digital camera

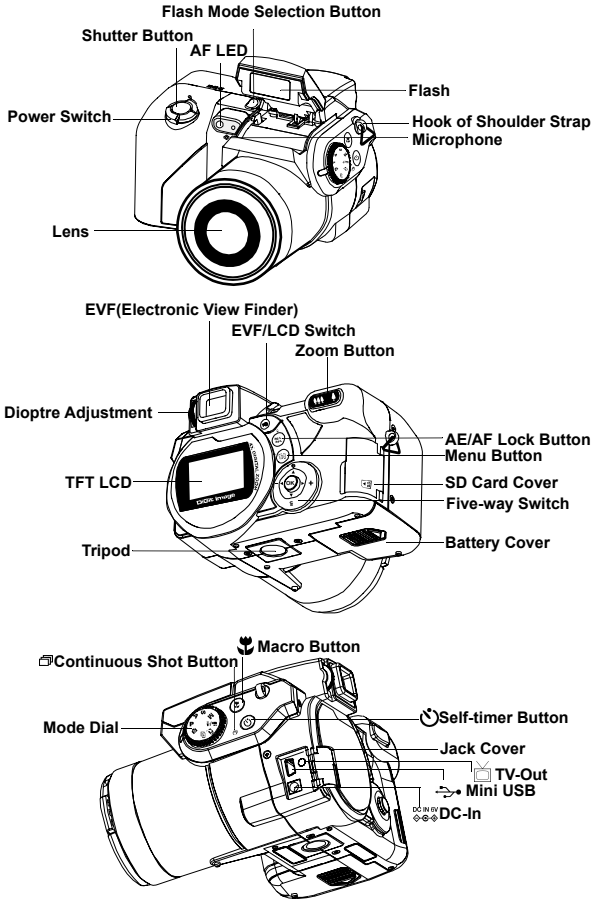


The lens cap and strap are attached in one. To remove or cap the lens cap, press on both sides of the retractable knob.



Thread the strap through the strap hole of the digital camera and the lens cap. Adjust the strap to the desired length.

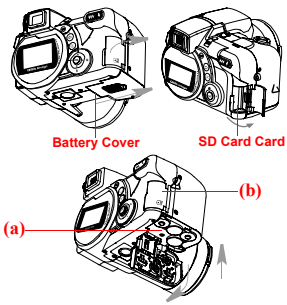
Identifying Components



Loading the Batteries and SD Memory Card (optional)

This digital camera uses 4 AA batteries or optional CR-V3 x 2. The batteries and SD card are located in separate compartments. The battery compartment is located at the bottom of the digital camera, while the SD card compartment is located at the back of the digital camera.

1. Slide the battery cover in the direction of the arrow, then lift to open.
2. Load the batteries into the battery compartment. (a)
3. Close the battery cover.
4. Flip the SD card compartment cover, and insert the SD card into the slot. (b)
5. Close the SD card cover.



CAUTION!

1. Use only the specified battery or AC power adapter (optional) (6.0V 2A) with this digital camera. Other power sources may cause fire.
2. To improve battery performance, replace all installed batteries at the same time and keep batter way from heat.
3. To dispose off batteries, please refer to index of battery manufacturer.
4. Do not mix battery types or it may cause a fire or explosion. Use only one battery type at one time
5. Batteries should be inserted in the battery compartment with the "+" and "-" sides facing correctly.
6. For alternative power source, the optional AC Adapter kit is available.

NOTE:

1. Upon loading new batteries, users will need to reset their Basic Settings
2. Do not open the battery cover or remove the batteries when the digital camera is in its ON status. Only remove the batteries and SD card when the digital camera is not in use, or in its OFF status.
3. If you do not plan on using the digital camera for a long period of time, please remove the batteries and SD card.

Basic Settings

Upon turning the digital camera ON, a “welcome image” will appear on the LCD display. Turn the mode dial to the Setup Mode. Please proceed with the following settings:

Language Preference Setting
There are a total of nine languages to choose from to interact with this digital camera. Please refer to Setup Mode. (Page 30)
Date and Time Setting
Please refer to the Date and Time setting under Setup Mode. (Page 27)

Formatting the Internal Memory and SD Card

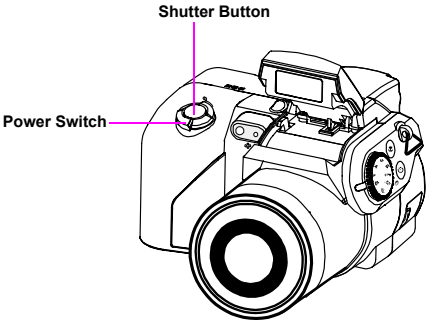
To take more pictures effectively, format the content of the SD Card. To format SD card, please insert your compatible SD card into SD slot. Then proceed with the following steps:
1. Turn the Mode Dial to Setup Mode.
2. Press the Menu button to enter Setup menu to select “Format”.
3. You will then be asked "Format SD card?" on the LCD Display.
4. Press the OK button to confirm and proceed with formatting.
As a result, once you withdraw the SD Card from the digital camera, the LCD display will show the following message for confirmation: "Format internal memory?" Then, press OK button to complete formatting internal memory.

Basic Operating Procedure

This section provides simple and basic directions to get you started with your Yakumo Mega-Image 84 D. From this section, you will learn how to turn the digital camera on and off, shoot pictures, use the Auto Focus function, Zooming In and Out, and Playback your pictures. A description is also included for the EVF & LCD function.

Turning the digital camera On/Off

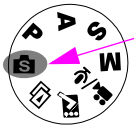
1. Remove the lens cap
2. Slide the Power switch in the direction of arrow.
   - power LED lights up and the power is on.
   - turning off the power (slide the switch again)
   - Auto power-off function operates when batteries are used only.



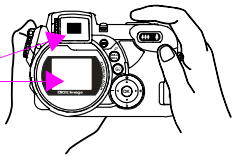
****The backside LED indicator will remain green while the power is turned on****

Tip: The LCD display will warn users to open the lens cap when the lens cap is on.

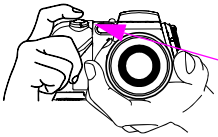
Basic Shooting



1. Turn the mode dial to the Scene Mode



2.)Look into the viewfinder /LCD and try to align your subject in the box.



3.)When you are set, press the shutter button once.

Tip: Do not cover the lens or flash with your finger.

Auto-Focus Function

When the shutter release is pressed halfway, the Auto-Focus function will activate and the digital camera lens will automatically focus. Follow these steps to activate this function:

1. Under normal situation, the crop mark is yellow. Once the shutter is pressed halfway to activate the Auto-Focus function, the crop mark will turn green. If it fails, the crop mark will turn red.

2. Fully press the shutter button to take the picture.

Zooming In/Out

This digital camera has 8 x optical zoom and 4 x digital zoom. The zoom bar located on the right side of the LCD display, informs users of the zoom status while the zoom in or out button is pressed. While the zoom button is pressed, there will be 15 levels of zoom magnifications, from W(Wide) to T(Tele) of zoom bar; The zoom lens can automatically protrude and retract. An additional 8 levels of zoom magnification (0.5x/each), from

T(tele)to 4x (4x Digital Zoom) of zoom bar will activate, when the zoom button is pressed. Users can see the result from LCD display.

1. Once you have aligned your subject in the LCD display, press the zoom in or out button to select your preferred distance.

Viewing Pictures

To instantly view the pictures you just took, simply turn the mode dial to the Playback Mode. For an in-depth description of Playback Mode, please refer to page 23.

Protect Pictures

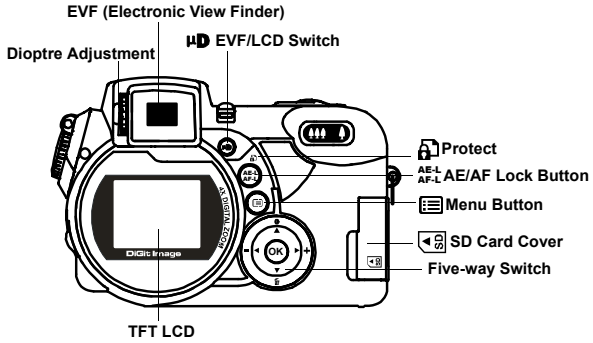
To instantly protect the pictures you just took, press the menu button and select the protect function. To protect pictures under playback mode, press the AE/AF/protect button and press ok.

Erase Pictures

To instantly erase the picture, turn the mode dial to the Playback Mode, then press the down button and OK to delete the current picture.

Basic Functions Buttons

The digital camera includes the following basic functions.



AE-L
AF-L **AE/AF lock and Protect:** These three functions can be activated under this button. Under playback mode, press this button to protect the picture. AE lock locks the exposure at a different place from the point of focus. After locking the exposure, you can recompose the shot while maintaining the desire exposure level. AF lock locks the focus on the subject and recomposes the shot. This is useful for backlight and spotlighted subjects.

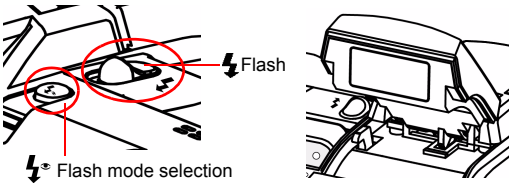
AE Lock: Press "L" button once for AE lock
AF Lock: Press "L" button twice for AF lock

Normal: Press "L" button again for normal

Tip: AF button locks the focus object for a sequence shooting. Pressing the snap button halfway can proceed AF lock for only one image, but next.

Menu: This button allows quick access to the menu function .

Flash: This button sets flash as Force off / Auto Red eye reduction / Force on / Slow. To activate the first strobe, press the flash button for flash mode selection and select the desired flash setting. The flash button will have to pop up in order to activate the flash mode. If not, the flash will not function and users will not be able to select the type of flash. When the flash pops up, the default setting will be force on, followed by Auto, Slow and Off.



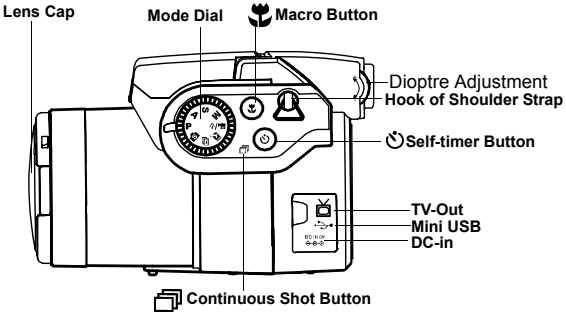
Force on: Press flash button for force on. This is also the default setting.
Auto Red eye reduction: Press flash button once for auto red eye

Slow: Used for slow shot
Force off: When the flash is off

Tip: Push down the flash pop-out when not in use.

EVF/LCD: This button allows users to switch in between the LCD and EVF (Electronic View Finder) to operate this digital camera.

Dioptre Adjustment: This enables users to adjust the far or nearsightedness of the viewfinder.



Macro: The macro function allows users to take close-up pictures in a distance within 20cm to 50cm. Press the Macro button to access Macro function.

Self-timer: The self-timer function is used in capture and video mode with a time frame of 3 to 10 seconds. A tripod is highly recommended when setting the self-timer to 3 seconds.

Continuous shot: This function allows 3 continuous shot. Turn the mode dial to P. A. S. M. & scene mode. press selftimer/continuous shot button twice, and press the shutter button.

Note:
1. Flash will not be available under continuous mode.
2.During the shooting, images will not display on the LCD.
3.The focus and white balance are adjusted for the first image, which will also be used for the other images.
4. Continuous shot and self-timer share the same button.

Zoom: This digital camera has 8 x optical zoom and 4 x dig-ital zoom.

Resolution	Digital Zoom
8.0M (3264 x 2448)	x1
6.0M (2880 x 2160)	x 1
4.0M (2272 x 1704)	x 4
2.0M (1600 x 1200)	x 4
1.3M (1280 x 960)	x 4
VGA (640 x 480)	x 4

Under Capture Mode:
Zoom in: Press Zoom in button for magnify image
Zoom out: Press Zoon out button for narrow the image
Under Playback mode: (Magnify / Thumbnail)
Zoom in: Press Zoom in button for magnify image
Zoom out: Press Zoon out button for thumbnail (3x3)

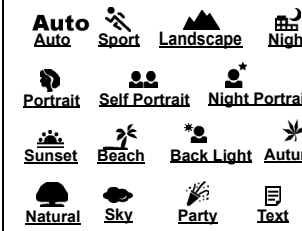
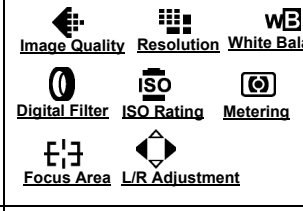
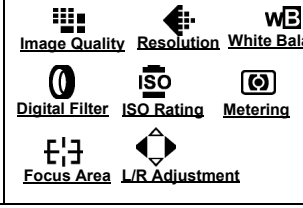
EVF/LCD Display: This button allows you to turn the dis-play On or Off for the electronic view finder & LCD. When EVF is selected, LCD will not be on.

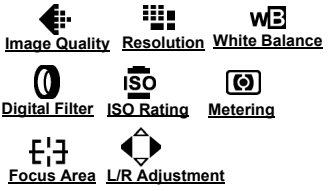
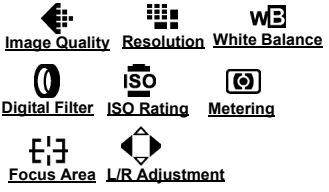
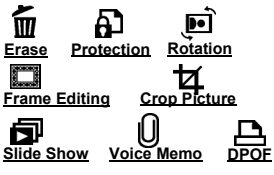
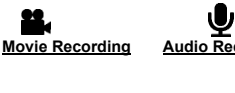
Tip:
HV / Histogram Value

Histogram Value showing the brightness and contrast of the subject. It enables precise exposure control. In playback mode, histogram showing the brightness and contrast information of recorded pictures. You can set. histogram display by pressing up on the five-way switch in shooting and playback modes.

Eight Main Modes and Instructions

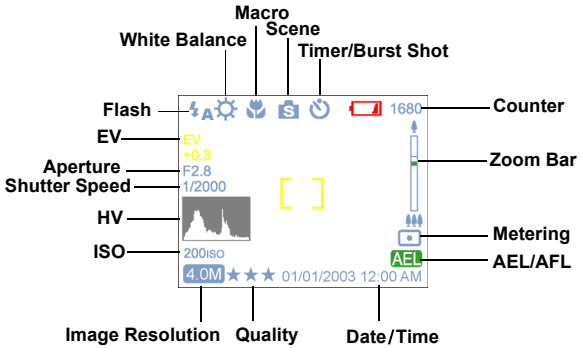
This section will describe the eight modes included in this digital camera. An in-depth coverage of these modes will be further described. Under each of the following modes, users can choose to proceed with the modes either by looking at the LCD or through the electronic view finder. To switch between the electronic view finder or LCD, press on the EVF/LCD button.

Items	Indications	Page
Scene Mode	 Auto Auto Sport Landscape Night Portrait Self Portrait Night Portrait Sunset Beach Back Light Autumn Natural Sky Party Text	17
Program mode		19
Aperture priority mode		19

Shutter speed priority mode **S**		19
Manual exposure mode **M**		19
Playback Mode		23
Movie and Audio Mode		26

Setup Mode	Date and Time Self-timer Option Slide show Interval Audio Value Sound Effect Instant Preview Rotation Auto Power Off Background Editing Languages TV-Out Format File Number Restoring	27

Scene Mode



Turn the dial rotator to the Scene Mode. Press the Menu button to access. Press Up/Down arrow to select the settings. Once you have selected the option, press Left/Right arrow to adjust the setting. Press OK to return to the list of options.

Scene

Users can select from the following scenes to include in their pictures:Auto/Sport/Landscape/Night/ Portrait/Self Portrait/Night Portrait/ Sunset/Beach/Back light Autumn/Natural/Sky/Party/Text

Sport- This is for fast-moving subjects when you want to freeze the action.

Landscape- This is used for wide scenic views. This setting cannot be used under macro setting.

Night- Night scenes. A tripod is recommended when using this setting.

Portrait- This mode blurs the background to focus on the subject.

Self Portrait- Enables you to take a picture of yourself while holding the digital camera. Point the lens towards you and take a shot.

Night Portrait- This mode is for images taken during twilight or at night. The flash illuminates the subject while a slow sync speed captures a natural exposure of the background. A tripod is recommended when using this setting.

Sunset- To enhance the red hue for taking sunset picture.

Beach- This is for taking beach view with enhanced blue color.

Back light- For taking the picture of back light object by changing metering.

Autumn- This is for foliage views.

Natural- This is suitable for forest or grasslands views.

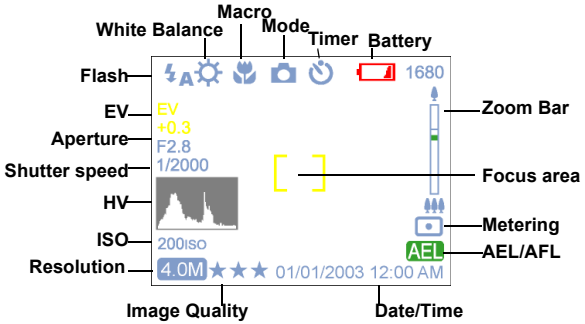
Sky- This is for sky views.

Party- Enables you to take pictures under a darker environment with different lighting. A tripod is recommended when using this setting.

Text- This mode will project the text by enhancement of the black and white contrast.

Tip: Users can also change the resolution and image quality under Scene Mode.

P.A.S.M. Mode



P.A.S.M. Mode include four modes that are adjustable through the mode dial.

P mode-This mode allows you to take general still pictures. The digital camera will automatically set the aperture and shutter speed to suit the scene's brightness.

Aperture Priority- The Aperture value that can be selected from F2.8 to F3.41.

Shutter Priority- In this mode, the shutter speed can be select from 1/2000 sec to 16.

Manual- In this mode, you set both the shutter speed and the aperture value.The exposure level can be viewed on the LCD.

Tip: The larger or brighter the aperture value (lower f/ number) the more blurred the background will become.

Resolution

This mode allows you to set the record resolution.

8.0M (3264 x 2448)
6.0M (2880 x 2160)
4.0M (2272 x 1704)
2.0M (1600 x 1200)
1.3M (1280 x 960)
VGA (640 x 480)

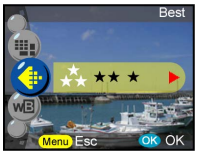
Image Quality

The widely-used JPEG format is used for image-recording quality setting.Users can select from the following quality:

★★★ Best

★★ Better

★ Basic



White Balance

Normally, the "Auto" WB setting will set the optimum white balance automatically. If natural colors cannot be obtained with auto WB, you can set the white balance manually to suit the respective light source. Users can select the following white balance:

Auto: Auto

: Sun

: Shade

: Tungsten

: Fluorescent

: One-touch WB

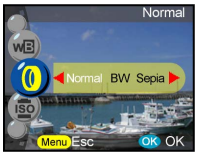
Tip: (Follow these steps for One-touch WB)
1. Press OK to confirm one-touch WB.
2. To set the desired WB press the L/R button to change the WB value.
3. Take pictures by pressing the shutter button with the new WB setting.
4. To reset WB again, press "OK" button again.

Digital Filter

This sets and converts according to the different colors and effects: Normal/BW/Sepia/Red/Pink/Purple/Blue/Green/Yellow/Solarize/ Negative Artwork

Solarize-This effect creates the impression that the image has been exposed to light.

Negative Artwork- Having the light and dark parts opposite to what they were in the original picture.



ISO Rating

The ISO speed is the sensitivity to light. The higher the ISO speed number, the higher the sensitivity is to light.

Auto
50
100
200
400

Metering

This calculates the best overall exposure value. The digital camera has three metering modes:

: Matrix
: Center
: Spot

Focus Area

User can change the crop mark location of LCD display by rotator, it provides a widely focus area setting.

Normal
Set

Tip: (Follow these steps for Focus Area)
1. The crop mark will be removed once the focus area function is confirmed.
2. Select the desired focus area using the joystick.
3. Press OK to confirm the setting and start taking pictures.
4. Focus area function can proceed after taking shot, users can continue to move the focus area.
5. Press menu again to exit the focus area function.
6. By pressing the ok button, the focus setting will be saved.

L/R adjustment

For users to define the adjustable parameter of L/R button, once the setting is complete, users can press L/R button to change the value after quitting menu. Here are the 5 parameters:

EV- Exposure compensation is used to alter the digital camera's standard exposure setting. You can darken or lightness the image. (increased exposure)

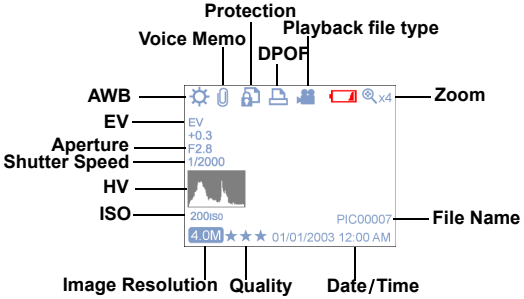
Sharpness- Enhances the borders of the subject.

COL Saturation- Saturation is the degree of color intensity associated with color's perceptual difference from a white, black or gray of equal lightness

Contrast- Exaggerate lightness differences between foreground and background colors

WB Manual WB- Manually adjusts fine changes to the white balance.

Playback Mode



Turn the mode dial to the Playback Mode. Users can view the images by pressing the Left/Right button or press up button to get the image information. To view thumbnails and magnify pictures, press zoom in/out button. Users will be able to set the following functions after entering menu.

Erase

User can erase current or all images under this mode. Users can select to erase:
Erase Current
Erase All

Tip: To immediately delete a picture while reviewing images, press the menu button, select the erase option and press ok.

Protection

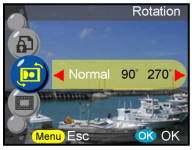
You can prevent images from accidental erasure.
This function choose to:

- : Protect Current
- : Protect All
- : Unprotect Current
- : Unprotect All

Rotation

This function rotates images 90° and 270° clockwise, mirror, or flip the image up.

Normal
90 degree
270 degree
Mirror
Flip up



Frame Editing

This digital camera provides 6 frames for image editing. Digital camera will create a new image with the frame which select b

Crop Picture

Users can crop images through the desired magnified area.

- Press ok to confirm the image selection and start the modification.
- The navigation arrows will appear on screen.
- Use joystick and zoom button to navigate the image.
- Press ok button to crop.

Tip:

- Digital camera will create a new image which cannot be re-cropped.
- Image size will vary according to the cropping

Slide Show
Allow user to slide show all images.

Tip:
--press OK button for interruption.
- refer to page 28 (slide show internal setting) to the slide show timing setting

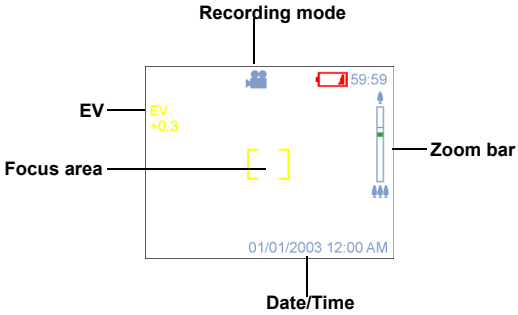
Voice Memo
This function provides 20 seconds voice memo for still image. Select “Voice Memo” and press OK to start the recording session. A recording bar will indicate how much time is left in the recording session. Press OK to end the recording.

Tip: To view the recorded memo, quit menu and press OK again to enter control bar. Press “erase” to delete any voice memo.

DPOF
DPOF is a format used to record automatic print information from cameras. By specifying which pictures are to be printed, the pictures can be printed easily by DPOF-compatible printing service labs or on a personal DPOF-compatible printer. Users can select to print:

Current
All
Reset

Movie and Audio Mode



Movie and Audio Mode allows you to use the digital camera as a movie and audio recorder. Video mode is the default for this mode, press the ok button to enter this mode. Users can switch modes by pressing the menu button. Rotate to the Video/Audio mode.
To record video:
1. Press the shutter to start recording.
2. To stop recording, press the shutter button again.

To record audio:
1. Press the right button, where a audio recording frame will appear on the LCD/EVF.
2. Press the shutter button to start audio recording.
3. To exit audio recording, press the shutter button.

Note!

1. Flash will not function when shooting movies.
2. Zoom function can not be achieve while recording.
3. Press the self-timer button once to activate the Self-timer. You will have 3 to 10 seconds to get ready after pressing shutter button..The countdown will be displayed on the LCD and followed by a beep sound.
4. The icons can be removed from the display by pressing the up button once.

Tip: 1. The file format of movie will be MPEG 4. (.asf)
2. When you playback video in PC, system will require Windows Media Player 9.0 codec. Please link to Microsoft server for the codec, or you can playback the movie through bundled application software.

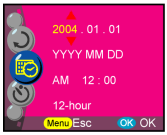
Setup Mode

Turn the mode dial to the Setup Mode. Press the Up/Down button to select the function, press the Left/Right button to choose the desired setting and press OK to confirm.

Users will be able to set the following functions:

Date and Time

Reset date and time when change battery. Users can select to set:
Date
Date format
Time
Time format



Tip: Dates can be set in these formats:
YYYY/MM/DD
MM/DD/YYYY
Time can be set in these format:
12hr
24hr

Self-timer Option

This function provides users different timer setting. A tripod is highly recommended when operating this function:
3 seconds
10 seconds

Slide show Interval

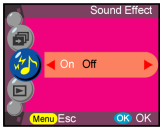
Under this setting, users can set the interval of seconds they want the slide show to proceed per slide. Users can select:
3 seconds
5 seconds
10 seconds

Audio Volume

Users can adjust the audio value of audio, video and voice memo functions:
High
Middle
Low

Sound Effect

This function allows users to turn the sound effect on or off:
On
Off



Instant Review

Sets the time for the picture to be previewed right after the picture is taken:
1 second
3 seconds
5 seconds
Off

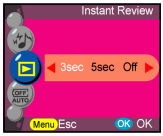
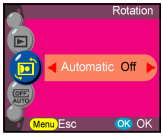


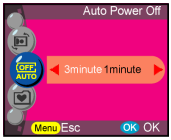
Image Rotation

When shooting the picture vertically (over 45 degree) the image can be automatically rotated and display horizontally in playback mode:
1. Automatic (default)
2.Off



Auto Power Off

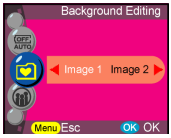
This setting automatically turns off the digital camera. Users can select the following minutes to Auto Power Off the digital camera:
Off
3 minutes
1 minute



Tip: Prior to shutting off, the LCD will shut itself automatically

Background Editing

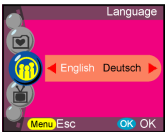
Allows users to select their preferred image or taken photo as background:
Image 1
Image 2
My Photo
Editing



Tip: This background will be replaced the default images of welcome page and setup mode background. My photo will retain last set photo. To change new photo, select editing for thumbnails and press OK button to confirm new photo.

Language

Users can select from the following languages:
English
German
French
Spanish
Italian
Japanese
Korean
Simplified Chinese
Traditional Chinese

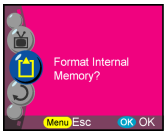


TV out

Depending on where your location, different region requires different system for TV-out function. Connect Video cable for TV out.
NTSC
PAL

Format

Formats the internal or external memory. Press OK button to confirm or menu button to escape formatting.



File Number

The image count will restore to zero once the pictures in memory been erased under reset condition. Sets the order of pictures stored in the digital camera:
Reset- File number counting from one.
Series– File number counting from serial number.

Tip: This setting will retain until user to change the selection.

Restoring

Resets the digital camera to factory setting.

Making Connections

In this section you will be able to connect the digital camera to your PC to down-load or edit photos.

Installing Software

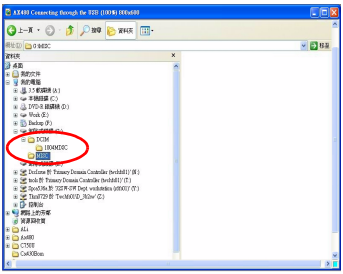
1. Insert the CD-ROM into your CD-ROM drive.
2. Click “Digital Camera Driver” and Install if your operating system is Windows 98. Users can pick 4 selections and press Install (it can all be done at the same time).
3. The installation wizard will guide you through the installation.
4. You will be able to use the application once it’s installed.

Caution:

1. Driver is for uploading pictures to you computer, if the operation system is Win 98
2. If you didn’t install the driver before plugging in the USB device. System will detect new device. Please insert the CD-ROM and complete the driver installation.

Connecting through the USB

This section will show you how to download images from digital camera to PC through the USB cable..



1. This digital camera allows users to move the images or movies from digital camera to PC by MISC support.
2. When the digital camera is connected to your PC, there will be 2 external storage under “My computer” named “ DCIM”.
3. Simply click the folder named “1004MDSC”, you can find the recorded files.
4. Copy or remove these files from the digital camera to your PC. Users can edit these images accordingly.

NOTE:

1. Voice memo files will include three different file format as ".jpg", ".wav" and ".html". Which have the same file name, but format. The recommended format for users (desiring to include their recorded voice memo in their selected pictures) is HTML.
2. You may find the recorded files of internal and external memory from 2 external storage respectively.

Connecting through AV-out

Before you proceed, please determine your corresponding AV-Out mode. The Yakumo Mega-Image 84 D will enable you to achieve full digital camera functions by AV-out connection. User can enable each function through the TV monitor instead of the LCD display.

1. Connect the video cable into the video out connector.
2. Connect the other end of the video cable into the TV’s video-in jack.
3. Turn the digital camera ON, you should then be able to operate the digital camera with TV screen. (The LCD/EVF will turn off while connected to AV-out)

Appendix

Digital camera Default Setting

Scene Mode	Auto
Movie Mode	Video
Resolution	4M (2272 x 1704)
Image Quality	***
White Balance	Auto
Digital Filter	Color
ISO	100
Metering	Matrix
Sharpness	Middle
Date and Time	2004/1/1
Self-timer Option	10 seconds
Slide Show Interval	3 seconds
Audio Volume	Middle
Sound Effect	Off
Instant Review	Off
Image rotation	**automatic**
Auto Power Off	1 minute
Display	LCD panel on
Background Editing	Image 1
Language	English
TV Out	NTSC
File Number	Series

LED Status

Digital camera Condition	Status LED	AF/Timer LED	LED Behavior
Power off	Off	Off	-
Standby	Green	Off	"Green" LED will be truned off when snap, LED will be lighted again when ready for moving.
Strobe charging	Orange (Flicker)	Off	When recharging, "Orange" LED will be flickered and turned to "Green" when charging ready.
Processing	Green (Flicker)	Off	Processing are meant that "Green" LED will be flicker under AF process and saving image.
Warning/ Error	Red (Flicker)	Off	If error, then LED will be changed from "Green" to "Red" flicker. The "Red" LED will stop flicker and turn to "Green" after one sec.
Out of focus	Red (Flicker)	Off	If error, then LED will be changed from "Green" to "Red" flicker. The "Red" LED will stop flicker and turn to "Green" after one sec.

Battery low	Red (Flicker)	Off	Note: The "Red" LED will keep flickering in battery low condition.
USB plug in	Green	Off	" Green" LED will be off and turn on again when USB plug-in ready.
TV-out	Green	Off	" Green" LED will be off and turn on again when TV out connecting ready.
Self-timer	Green	Red (Flicker)	"Timer" LED will be flicker with count-down second.
Auto focus	Green	Off	Press S1, "Green" LED will be flickered till AF successful. If NG, then LED will be turned to "Red" and releasing button for normal. (" Green")
Video/Audio recording	Red (Slow Flicker)	Red (slow Flicker)	When recording video/audio, the "Red" LED will be flicker slowly.

Information Code

Error	Possible Cause	Corrective Action
Card Full	No more pictures can be stored	Remove the pictures or insert another card

Write-Protect	Card has been protected	To remove write-protect latch of card
Card Error	Cannot record, playback or erase pictures on this card	To format this card or replace another card
Picture Error	This recorded picture cannot be playback with digital camera	To view the image through PC. If it cannot be done, the picture is damaged
No picture	There's no image in storage, so there's nothing in playback	To take pictures or insert another card with images
Card Setup	This card is not formatted	To format this card before using
Battery Empty	Battery low for taking pictures	Installing new or charged batteries

Specifications

Features	**Content**
Max. Resolution	3264 x 2448
Still Image Size	8.0M (3264 x 2448) 6.0M (2880 x 2160) 4.0M (2272 x 1704) 2.0M (1600 x 1200) 1.3M (1280 x 960) VGA (640 x 480)
Image Sensor	CCD
Sensitivity equivalent	ISO Auto, 50, 100, 200, 400

Lens Aperture	Wide : F2.8 to F5.58 Tele : F3.41 to 6.82
Optical Zoom	8x optical zoom
Digital Zoom	Up to 4x digital zoom
Viewfinder	Electronic Viewfinder (color) Dioptre adjustment
Shutter speed	16 sec ~ 1/2000 sec.
Internal Memory	16 MB NAND
Estimated number of storable pictures	8.0M (3264 x 2448):2 pictures 6.0M (2880 x 2160):5 pictures 4.0M (2272 x 1704):10 picures 2.0M (1600 x 1200):20 picures 1.3M (1280 x 960):35 picures VGA (640 x 480):140 picures
Storage media	SD/MMC
Focus distance	50cm ~ infinity
Macro	20 ~ 50 cm
Video/Audio Clip	320 x 240, 30pfs, no limit
Continuous shot	3 shots / sec
Rotate	Rotates the still image 90 degree. (anti-clockwise or clock-wise)
Self-timer	3 or 10 sec. self-timer
Compatibility	WIN98/ME/2000/XP MAC 9.1 and above
File Format	MPEG 4/JPEG/EXIF 2.2/DPOF

Dimension	111 (W) x 70(H) x 105 (D) mm
Flash	Pop-up range: 3 -10 feet Modes: Force off / Auto Red eye reduction / Force / Slow
USB Output	B type mini USB 2.0 full speed
Video Output	NTSC/PAL
Battery type	AA Alkaline, Ni-MH, Ni-Cd, CR-V3 and RCR-V3
DC-in	6.0V 2.0A
LCD	1.6" TFT, 354 x 240
Playback Zoom	Up to 8x
USB storage class support	MSDC
Multiple languages	GB/F/D/I/E/TC/SC/K/J
Tripod mount	Metal
Body material	Plastic

Accessories

User manual	A/V connecting cable
CD-ROM	Shoulder strap
AA alkaline batteries	Lens cap
USB cable	Lens cap strap

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CE